



California Regional Water Quality Control Board Central Valley Region

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2 February 2009

NOTICE

TENTATIVE REVISED WASTE DISCHARGE REQUIREMENTS FOR POST-CLOSURE MAINTENANCE AND CORRECTIVE ACTION SAN JOAQUIN COUNTY DEPARTMENT OF PUBLIC WORKS HARNEY LANE LANDFILL CLASS III LANDFILL SAN JOAQUIN COUNTY

TO ALL CONCERNED PERSONS AND AGENCIES:

The Regional Water Quality Control Board, Central Valley Region (Regional Water Board) will consider adopting revised waste discharge requirements (WDRs) for the Harney Lane Landfill at its meeting on **23 and 24 April 2009**. The landfill operated from 1948 to 1991, accepting primarily household wastes. The landfill includes two unlined units, Landfill 1 (97-acres) and Landfill 2 (15-acres). In 1994, both units were closed with a low permeability clay cover, as required under California Code of Regulations (CCR), title 27. Closure was also intended as a corrective action measure to address historical groundwater impacts from the landfill, including low concentrations of volatile organic compounds (VOCs) and elevated general minerals. A landfill gas (LFG) extraction system was subsequently installed in 1996 as an additional corrective action measure.

Monitoring data since landfill closure has not indicated any clear decline in groundwater impacts, although a decline in some VOC concentrations during the past year may be attributable to improved LFG control. Two VOCs, tetrachloroethene (PCE, 0.5 µg/L) and benzene (0.7 µg/L) continue to be detected above their California Public Health Goals (0.06 µg/L and 0.15 µg/L), but are below Drinking Water Standard maximum contaminant levels (MCLs). Elevated concentrations of general minerals, including chloride (120 mg/L) and total dissolved solids (TDS, 510 mg/L), also continue to be detected in groundwater.

The proposed WDRs prescribe updated requirements for postclosure maintenance and corrective action monitoring. To improve background monitoring, the WDRs require that the Discharger submit (by 15 June 2009) a workplan for installation of additional background wells at the site. The WDRs also require that (by 30 July 2009) the Discharger submit for approval an updated postclosure maintenance plan, including updated cost estimates for postclosure maintenance and corrective action financial assurances. The WDRs require that the Discharger provide the mechanism for these assurances to the CIWMB in accordance with title 27 regulations. The monitoring and

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reporting program (MRP) in the WDRs requires semiannual groundwater monitoring for representative parameters, and monitoring every five years for all landfill constituents of concern. The MRP also requires that the Discharger perform semiannual surface water monitoring at the site and maintain coverage under the General Industrial Storm Water Permit.

The proposed WDRs and the Notice of Public Hearing (NOPH) are available on our website at www.waterboards.ca.gov/centralvalley/board_decisions/tentative_orders. The NOPH contains important information about the public hearing process. Electronic copies of the April 2000 Standard Provisions and Reporting Requirements that would be adopted as part of the WDRs are available at http://www.waterboards.ca.gov/centralvalley/board_decisions/adopted_orders

If you do not have access to the Internet or otherwise require paper copies of these documents to be sent to you, please contact John Moody at (916) 464-4641 or by email at jmoody@waterboards.ca.gov. Persons wishing to comment on this matter must submit their testimony, evidence, and/or comments in writing to the attention of John Moody at the Regional Water Board no later than 5 p.m. on **16 March 2009**. Written materials received after 5 p.m. on **16 March 2009** will not be accepted and will not be incorporated into the administrative record if doing so would prejudice any party.

If you have any questions, please call John Moody at (916) 464-4641.

VICTOR J. IZZO
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Title 27 Permitting and Mining

Enclosures- Notice of Public Hearing
Tentative Order
Standard Provisions (April 2000)

cc w/Encl:

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cc w/o Encl:

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